

## 48PM-SXY-1-V

Polarizing beam splitting cube, in adjustment mount, laterally adjustable



### FEATURES

The polarization beam splitting cube 48PM-SXY-1-V is used for polarization cleaning purposes in combination with PM fiber couplings. Only light with the correct polarization direction is transmitted. It has a system mount Ø 19.5 mm and it can be adjusted laterally in order to compensate for a beam offset. The polarizer can be rotated in its mount. The polarizer is designed to be integrated into the [multicube](#) system.

- Polarizing beam splitting cube
- Wavelength range 390 - 480 nm
- Extinction ratio 10,000 : 1
- Clear aperture 3.5 mm
- Broadband AR coating
- Polarizer in adjustable mount
- System mount Ø 19.5 mm
- Laterally adjustable

## TECHNICAL DATA

48PM-SXY-1-V

|                      |                                |
|----------------------|--------------------------------|
| Order code           | 48PM-SXY-1-V                   |
| Type                 | Polarizing beam splitting cube |
| Wavelength range     | 390 - 480 nm                   |
| Extinction Ratio     | 10,000 : 1                     |
| AR Coating           | 390 - 480 nm                   |
| Clear aperture       | 3.5 mm                         |
| Laterally adjustable | ± 0.8 mm                       |
| Rotation range       | 360°                           |
| Connection           | Flange mount                   |

|                  |                         |
|------------------|-------------------------|
| System mount     | Ø 19.5 mm               |
| Housing material | black anodized aluminum |
| Weight           |                         |

This is a printout of the page <https://sukhamburg.com/products/details/48PM-SXY-1-V> from 5/4/2024

## CONTACT

For more information please contact:

Schäfter + Kirchhoff GmbH

Kieler Str. 212

22525 Hamburg

Germany

Tel: +49 40 85 39 97-0

Fax: +49 40 85 39 97-79

[info@sukhamburg.de](mailto:info@sukhamburg.de)

[www.sukhamburg.com](http://www.sukhamburg.com)

## LEGAL NOTICE

**Copyright 2020 Schäfter+Kirchhoff GmbH. All rights reserved.**

Text, image, graphic, sound, video and animation files and their arrangement on Schäfter+Kirchhoff GmbH webpages are protected by copyright and other protective laws. The content may not be copied for commercial use or reproduced, modified or used on other websites. [\[more\]](#)